

# Bushnell®

## LASER RANGEFINDER YARDAGE PRO® Tour XL



### INSTRUCTION MANUAL 20-2025

Your YARDAGE PRO TOUR XL is a precision instrument designed to provide many years of enjoyment. This booklet will help you achieve optimum performance by explaining its adjustments and features as well as how to care for this precise laser rangefinding instrument. To ensure optimal performance and longevity, please read these instructions before using your YARDAGE PRO TOUR XL.

## INTRODUCTION

Your Bushnell YARDAGE PRO TOUR XL is the world's most advanced laser rangefinder made exclusively for golf. The YARDAGE PRO TOUR XL delivers superb and accurate range performance to +/- one yard to virtually any object found on a golf course. The BUSHNELL YARDAGE PRO TOUR XL DOES NOT require the use of reflectors. Range to a golf flag as far as 300 yards out or to a tree or bunker 700 yards away for a reference point. With YARDAGE PRO TOUR XL, you can determine club selection, save strokes, and build confidence. When not using, place it in the convenient carrying case and clip to your golf bag. The rugged and weather resistant YARDAGE PRO TOUR XL features popular Scan mode providing continuous distance measurements as multiple targets in the field of view are scanned.

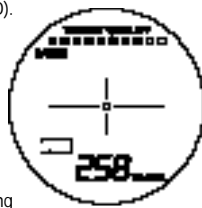
The YARDAGE PRO TOUR XL emits invisible, eyesafe, infrared energy pulses. Sophisticated circuitry and a high-speed clock are used to instantaneously calculate distances, by measuring the time it takes for each pulse to travel from the rangefinder, to the target, and back.

The ranging accuracy of the YARDAGE PRO TOUR XL is plus or minus one yard / meter under most circumstances. The maximum range of the instrument depends on the reflectivity of the target. The maximum distance for most objects is 700 yards / 640 meters while for highly reflective objects the maximum is 999 yards / 913 meters. Note: You will get both longer and shorter maximum distances depending on the reflective properties of the particular target and the environmental conditions at the time the object is being distanced.

The color, surface finish, size and shape of the target all affect reflectivity and range. The brighter the color, the longer the range. Red is highly reflective, for example, and allows longer ranges than the color black, which is the least reflective color. A shiny finish provides more range than a dull one. A small target is more difficult to range than a larger target. The angle to the target also has an effect. Shooting to a target at a 90 degree angle (where the target surface is perpendicular to the flight path of the emitted energy pulses) provides good range while a steep angle on the other hand, provides limited ranging. In addition, lighting conditions (e.g. the amount of sunlight) will affect the ranging capabilities of the unit. The less light (e.g. overcast skies) the farther the unit's maximum range will be. Conversely, very sunny days will decrease the unit's maximum range.

## OPERATIONAL SUMMARY

While looking through the monocular, depress the power button once to activate the inview display system (LCD). Aim the YARDAGE PRO TOUR XL at a target at least 20 yards away, depress and hold the power button down until range reading is displayed. Release the power button. Note: Once activated, the YARDAGE PRO TOUR XL's LCD will remain active and display the last distance measurement for 30 seconds. You can depress the power button again at any time to distance to a new target. As with any laser device, it is not recommended to directly view the emissions for long periods of time with magnified lenses.

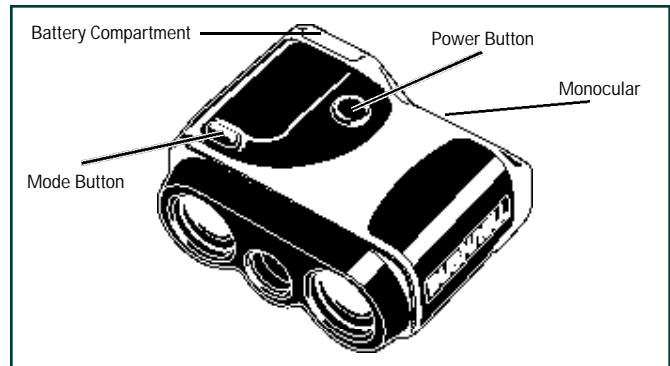


## FEATURES

The YARDAGE PRO TOUR XL's sophisticated circuitry allows you to select between various units of measure and targeting modes. In addition, your YARDAGE PRO TOUR XL's LCD incorporates illuminated indicators that advise you when the laser is active,

what the quality level (a measure of reflectivity) of the target is, what the precision tolerances of a specific measurement are and when the battery charge is low. A summary of these features is presented below:

**UNIT OF MEASURE OPTIONS** The YARDAGE PRO TOUR XL can be used to measure distances in yards or meters. The unit of measure indicators are located in the lower right portion of the LCD. To select between yards and meters, look through the monocular, depress the "mode" button and hold it down for approximately 5 seconds. If you are changing from yards to meters, a change in unit of measure will be indicated by the illumination of the METER indicator while the YARD indicator is turned off. If you are changing from meters to yards, the opposite will occur. Note: The YARDAGE PRO TOUR XL will return to the last setting used, each time the unit is turned on.



**TARGETING MODES** The YARDAGE PRO TOUR XL incorporates exclusive targeting modes that allow you to adjust the performance parameters of the unit to suit your specific situation and environment. The different targeting modes available are listed below:

**Standard (LCD Indicator - none)** This setting allows most targets to be distanced up to 700 yards. Used for moderately reflective targets that are typical of most distancing situations. The minimum distance in the standard mode is 20 yards.

**SCAN (LCD Indicator - "SCAN")** This mode allows the range to be continuously updated for 10 seconds when the fire button remains depressed. It can be used to scan an area containing several objects or a single object that is moving. NOTE: Objects further away require a slower scanning pace than objects a closer distance. The minimum distance in this mode is the same as in the standard mode.

**REFLECTIVE (LCD Indicator - "REFL")** - Used when targeting highly reflective targets (e.g. reflectors, stop signs, etc.) Increases effective distance of the device on reflective targets up to 999 yards or meters. NOTE: In this mode, the unit's sensitivity to non-cooperative targets is decreased thereby reducing the maximum ranging distance for these type of objects.

**RAIN (LCD Indicator - "RAIN")** - Precipitation, such as rain drops or snow flakes, can reflect energy pulses emitted by the YARDAGE PRO TOUR XL thereby contaminating the primary target's distance measurement. By selecting the rain mode, feedback from energy pulses reflecting off precipitation will be ignored and uncontaminated measurement obtained. NOTE: In this mode, the system will not measure targets less than 65-95 yards / meters.

**ZIP THRU (LCD Indicator - "ZIP")** - This mode can be used to ignore energy pulses reflecting off of objects less than 115-165 yards / meters away. It would typically be used when distancing through brush to an object further than 115-165 yards / meters away. NOTE: In this mode, the system will not measure targets less than 115-165 yards / meters.

To select between these modes, while looking through the monocular, depress and release the mode button. Each successive depression of the mode button will activate a different mode designation in the following order: 1) Standard (no indicator), 2) Scan ("SCAN"), 3) Reflective ("REFL"), 4) Rain ("RAIN"), 5) Zip Thru ("ZIP") and back to standard (no indicator). NOTE: The YARDAGE PRO TOUR XL will return to the last setting used, each time the unit is turned-on.

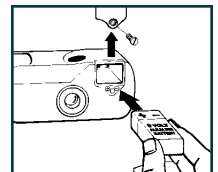
## ILLUMINATING INDICATORS

**ACTIVE LASER (LCD Indicator - "LASER")** - Located in the upper left portion of the LCD. When illuminated, indicates that energy pulses are being emitted from unit.

**TARGET QUALITY GAUGE (LCD Indicator - "TARGET QUALITY")** - Located in the upper middle portion of the LCD. Gauge indicating amount of energy pulses being received back from the target. Gauge is calibrated to fill squares from left to right. The higher the number of returning energy pulses, the greater the number of squares that will fill with illumination. This gauge can be used to scan across a target that is difficult to acquire to find the most reflective point for ranging (see Trouble Shooting Table).

**PRECISION PARAMETER INDICATOR (LCD Indicator - "PRECISION")** - When illuminated, indicates the distance measurement is within plus or minus 1 yard or meter. If it is not illuminated after obtaining a measurement, the distance measurement is within plus or minus 3 yards or meters.

**LOW BATTERY CHARGE (LCD Indicator - "BATT")** - When illuminated, indicates the battery charge is low and battery should be replaced with a 9-volt alkaline battery.



Continued on page 2

## SPECIFICATIONS

**OPTICAL DESIGN** The YARDAGE PRO TOUR XL features a Perma Focus® monocular optical system for viewing your target. A liquid crystal display (LCD) is mounted within the optical system and when activated, displays a reticle for targeting, yard / meter and mode designations, a target quality gauge, as well as precision and low battery indicators. Inherent in the manufacturing process are small black spots that appear in the optical system. These are a natural characteristic of the LCD, cannot be fully eliminated in the manufacturing process and do not affect the distancing performance of the unit.

- Dimensions: 2.25 x 3.5 x 4.75 inches
- Weight: 10.4 oz.
- Accuracy: +/- 1 yard
- Magnification: 4x
- Display: LCD (even and odd numbers)
- Power Source: 9 - volt alkaline battery (user supplied)
- FOV: 300 ft. @ 1000 yards
- Total Eye Relief: 25mm
- Exit Pupil: 4.2 mm
- Water resistant
- Modes: Standard, Scan, Reflective, Rain, and Zip
- 20-yard / 18 meters minimum, 999 yards / 913 meters to a reflective target, 700 yards / 640 meters to a tree, 300 yards / 274 meters to a flag
- Includes carrying case

## CLEANING

Gently blow away any dust or debris on the lenses (or use a soft lens brush). To remove dirt or fingerprints, clean with a soft cotton cloth, rubbing in a circular motion. Use of a coarse cloth or unnecessary rubbing may scratch the lens surface and eventually cause permanent damage. For a more thorough cleaning, photographic lens tissue and photographic-type lens cleaning fluid or isopropyl alcohol may be used. Always apply the fluid to the cleaning cloth - never directly on the lens.

## WARRANTY / REPAIR

### TWO-YEAR LIMITED WARRANTY

Your Bushnell® product is warranted to be free of defects in materials and workmanship for two years after the date of purchase. In the event of a defect under this warranty, we will, at our option, repair or replace the product, provided that you return the product postage prepaid. This warranty does not cover damages caused by misuse, improper handling, installation, or maintenance provided by someone other than a Bushnell Authorized Service Department.

Any return made under this warranty must be accompanied by the items listed below:

- 1) A check/money order in the amount of \$10.00 to cover the cost of postage and handling
- 2) Name and address for product return
- 3) An explanation of the defect
- 4) Proof of Date Purchased
- 5) Product should be well packed in a sturdy outside shipping carton, to prevent damage in transit, with return postage prepaid to the address listed below:

#### IN U.S.A. SEND TO:

Bushnell Performance Optics  
8500 Marshall Drive  
Lenexa, Kansas 66214

#### IN CANADA SEND TO:

Bushnell Performance Optics  
25A East Pearce Street, Unit 1  
Richmond Hill, Ontario L4B 2M9

For products purchased outside the United States or Canada please contact your local dealer for applicable warranty information. In Europe you may also contact Bushnell at: 33 141 44 94 80

Bushnell Performance Optics Service Centre  
Columbusstraat 25  
3165 AC Rotterdam  
The Netherlands

\* This warranty gives you specific legal rights.  
You may have other rights which vary from country to country.  
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## TROUBLE SHOOTING TABLE

### **If unit does not turn on - LCD does not illuminate:**

- Depress power button.
- Check and if necessary, replace battery.

### **If unit powers down (display goes blank when attempting to power the laser):**

- The battery is either weak or low quality. Replace the battery with a good quality alkaline battery.

### **There is no reset button to clear last range reading before ranging another target:**

- The last range reading does not need to be cleared before ranging another target. Simply aim at the new target using the LCD's reticle, depress the power button and hold until new range reading is displayed.

### **Target range cannot be obtained:**

- Make sure LCD is illuminated.
- Make sure that the power button is being depressed (as opposed to mode button).
- Make sure that nothing, such as your hand or finger, is blocking the objective lenses (lenses closest to the target) that emit and receive the laser pulses.
- Make sure unit is held steady while depressing power button.
- A less reflective target will require you to scan its surface to find the most reflective point in order to obtain a distance. To do this, hold the power button and scan its surface to find the most reflective point in order to obtain a distance. To do this, hold the power button and scan LCD reticle across the target's surface to try and register a "hit" (indicated when the first square illuminates), stabilize the unit in place and hold the power button until a reading is displayed.
- Make sure that the targeting mode selected is the appropriate mode for that specific situation / environment. Each targeting mode (SCAN, REFL, RAIN, and ZIP) has a different minimum distance and sensitivity to a specific target's reflectivity levels.

**Before returning for repair, consult the Trouble Shooting Table.**